



6. Observation of Structural Steel (Unit Nos. 1 and 2)

The reactor building North exhaust stack structural steel erection was selected for observation of work activities. Selected attributes on drawings C-845 and C-846 were selected for examination and verification that they conform to drawing, specification, and applicable code requirements. The examinations consisted of verification of weld size and appearance, bolted connections for proper size and type, conformance of the configuration to the drawings, proper size and weight of structural shapes, and properly shaped copes.

The inspector observed welding undercut on the welded connection for beams 22D2 and 24D4R. The welding undercut exceeded the 1/32" specified in the AWS Code D 1.1. This is contrary to specification 8031-C-41A, "Specification for Furnishing, Detailing, Fabrication, and Delivery of Structural Steel for the Reactor Building and Control Complex Superstructure and Radwaste Building", and 10 CFR 50, Appendix B, Criterion V.

This is an item of noncompliance (352/81-06-03, 353/81-05-01).

It was noted that the holes for the precast concrete panel attachment clips were being oxy-acetylene cut into the support beams. One of the holes was cut oversized and failed to "clean up" when reamed. This was brought to the attention of the foreman and workmen, who repaired the hole. Due to the inspector's concern for a general condition of oversized holes, two additional clips were removed. All holes examined appeared to be completely reamed, however, due to the restricted access, the reamed holes are serrated. The applicable codes are not definitive on the acceptability of this condition. The licensee is evaluating this condition.

This item is unresolved pending completion of the licensee's evaluation and review by the NRC. (352/81-06-04)

7. Safety Related Components (Unit No. 1)

The reactor recirculation discharge gate valve, B32-F031, SH:71-GE-49327-32, and the main steam isolation valve, B21-F022, P.O. 205-AE319, were selected for a quality documentation review. The review was to verify compliance with applicable codes, ASME Code for Pumps and Valves (draft) and ASME III Code. The review consisted of minimum wall calculations for the valve bodies and chemical/physical properties checks.

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